

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|---------------------|
| L1 | 3026 | (register\$3 or registrat\$4) with (intervention or intraoperative or intra-operative or (intra adj1 operative)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 17:52 |
| L2 | 121 | 1 same ultrasound | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 17:52 |
| L3 | 783793 | (mask or masking or cover or conceal or obscure or block or filter\$3) with (air or fluid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:02 |
| L4 | 2 | 2 and 3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:03 |
| L5 | 12991 | (register\$3 or registrat\$4) same 3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:03 |
| L6 | 39459 | 3 with process\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:04 |
| L7 | 538 | 5 and 6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:04 |

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| L8 | 4097 | (register\$3 or registrat\$4) with 3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:04 |
| L10 | 95216 | "382"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:05 |
| L12 | 70357 | medical with (image or scan or slice) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:06 |
| L14 | 10962354 | medical or operati\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:07 |
| L16 | 1147232 | xray or CT or tomogra\$ or x-ray | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:07 |
| L19 | 224 | 7 and 8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:17 |
| L20 | 0 | 12 and 19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:17 |
| L21 | 45 | (image or scan or slice) and 19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:17 |

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| L22 | 848 | (mask or masking or cover or conceal or obscure or block or filter\$3) with (air or fluid) same ultrasound | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:19 |
| L23 | 335 | (image or scan or slice) and 22 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:19 |
| L24 | 9 | 10 and 23 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:19 |
| L25 | 11883 | (register\$3 or registrat\$4 or transform\$7) same (intervention or intraoperative or intra-operative or (intra adj1 operative)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:23 |
| L27 | 199433 | ((two or "2") and ("3" or three)) adj1 (d or dimension\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:25 |
| L28 | 1845 | 25 and 27 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:26 |
| L29 | 14890 | (mask or masking or block\$3 or filter\$3 or segment\$6 or remov \$4) with (ultrasound or sonogra\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:27 |
| L30 | 134688 | (unreliable or shadow or inaccura \$4 or false or erroneous or unstable) same (air or fluid or liquid or wet or bone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:29 |

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| L31 | 4 | 28 and 29 and 30 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:30 |
| L32 | 4382 | (mask or masking or block\$3 or filter\$3 or segment\$6 or remov \$4) near3 (before or prior or pre) near3 (register\$3 or registrat\$4 or transform\$7) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:32 |
| L33 | 358 | 27 and 32 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:32 |
| L34 | 55 | (ultrasound or sonogra\$4 or ultra- sound) and 33 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:33 |
| L35 | 4399 | (mask or masking or block\$3 or filter\$3 or segment\$6 or remov \$4 or crop\$4) near3 (before or prior or pre) near3 (register \$3 or registrat\$4 or transform\$7) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:34 |
| L36 | 360 | 27 and 35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:34 |
| L37 | 55 | (ultrasound or sonogra\$4 or ultra- sound) and 36 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:34 |

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| L38 | 237929 | (unreliable or shadow or inaccurate or false or erroneous or unstable or unnecessary) same (air or fluid or liquid or wet or bone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:35 |
| L39 | 545 | (ultrasound or sonogram or ultrasound) same 38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:35 |
| L40 | 1219096 | (mask or masking or block or filter or segment or remove or crop) with (register or registration or transform or match or align or correspond) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:36 |
| L41 | 99 | 39 and 40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:37 |
| L42 | 153 | 41 or 37 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:37 |
| L43 | 28 | 10 and 42 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:37 |
| L44 | 228988 | (dark or black) with (image or scan or slice) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:43 |
| L45 | 7542 | 12 and 44 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:43 |

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| L46 | 28184 | (mask or masking or block\$3 or filter\$3 or segment\$6 or remov\$4 or crop\$4 or dark\$5 or black\$5) with (before or prior or pre) with (register\$3 or registrat\$4 or transform\$7) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:44 |
| L47 | 212 | 45 and 46 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:45 |
| L48 | 128 | 10 and 47 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:45 |
| L49 | 1268358 | (mask or masking or block\$3 or filter\$3 or segment\$6 or remov\$4 or crop\$4 or dark\$5 or black\$5) with (register\$3 or registrat\$4 or transform\$7 or match\$3 or align\$5 or correspond\$6) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:47 |
| L50 | 128 | 48 and 49 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:48 |
| L51 | 18750 | (mask or masking or block\$3 or filter\$3 or segment\$6 or remov\$4 or crop\$4 or dark\$5 or black\$5) with (unreliable or shadow or inaccura\$4 or false or erroneous or unstable or unnecessary) with (image or slice or scan) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:49 |

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| L52 | 19 | 50 and 51 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:49 |
| L53 | 41619 | 16 and (ultrasound or sonogra\$4 or ultra-sound) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:57 |
| L54 | 5 | 52 and 53 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/03/24 18:57 |
| S1 | 7 | US-6618490-\$.DID. OR US-20010036302- \$.DID. OR US- 20030146913-\$.DID. OR WO-0178010-\$. DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/11/16 18:29 |
| S2 | 17 | ((registration or register\$4) near3 multimod\$4) with ((PET or CT or (x adj1 ray)) and (MR or MRI or ultrasound)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/16 18:35 |
| S3 | 529 | (registration or register\$4 or coregist \$7) near3 ((PET or CT or (x adj1 ray)) and (MR or MRI or ultrasound)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/16 18:39 |
| S4 | 61 | (transform\$) near3 ((PET or CT or (x adj1 ray)) and (MR or MRI or ultrasound)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/16 18:39 |
| S5 | 19 | S3 and S4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/16 18:40 |

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| S6 | 19 | S5 not S2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/16 18:40 |
| S7 | 2 | (registration or register\$4 or coregist \$7) adj1 between ((PET or CT or (x adj1 ray)) and (MR or MRI or ultrasound)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/16 18:44 |
| S8 | 59 | multimodal registration | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/16 18:49 |
| S9 | 59 | S8 not S6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/16 18:50 |
| S10 | 45 | S9 not S2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/16 18:50 |
| S11 | 2 | "6539127".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/16 19:07 |
| S12 | 2 | "5633951".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/16 19:11 |
| S13 | 3 | "7106891".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/16 19:12 |

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| S14 | 7 | S11 or S12 or S13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/16 19:14 |
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EAST Search History (I nterference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|-----------------------------|------------------|---------|------------------|
| L55 | 14857 | (mask or masking or block\$3 or filter\$3 or segment\$6 or remov\$4 or crop\$4 or dark\$5 or black\$5 or delimit\$4) with (register\$3 or registrat\$4 or transform\$7 or match\$3 or align\$5 or correspond\$6) with (imag\$3 or scan or slice).clm. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/03/24 19:01 |
| L56 | 126831 | ((two or "2") or ("3" or three)) adj1 (d or dimension\$2).clm. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/03/24 19:03 |
| L58 | 74876 | (ultrasound or sonogra\$4 or ultra-sound or xray or x-ray or (x adj1 ray) or CT or tomogra\$5).clm. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/03/24 19:04 |
| L60 | 270 | 55 and 56 and 58 | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/03/24 19:05 |
| L61 | 82648 | "382"/\$.ccls. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/03/24 19:06 |
| L62 | 125 | 60 and 61 | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/03/24 19:06 |
| L63 | 1070 | ((ultrasound or sonogra\$4 or ultra-sound) and (xray or x-ray or (x adj1 ray)) and (CT or tomogra\$5)).clm. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/03/24 19:10 |

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| L64 | 6144 | (mask or masking or block\$3 or filter\$3 or segment\$6 or remov\$4 or crop\$4 or dark\$5 or black\$5 or delimit\$4) near5 (coregisrter\$3 or coregistra\$4 or register\$3 or registrat\$4 or transform\$7 or match\$3 or align\$5 or correspond\$6) near5 (imag\$3 or scan or slice).clm. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/03/24 19:11 |
| L65 | 6 | 62 and 63 and 64 | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/03/24 19:11 |
| L66 | 9442 | \$modal\$.clm. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/03/24 19:14 |
| L67 | 16 | 62 and 66 | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/03/24 19:15 |
| L68 | 14 | 67 not 65 | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/03/24 19:15 |

3/ 24/ 2011 7:43:33 PM

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